

COPY OF PAPERS  
ORIGINALLY FILED

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 09/991,518         | 11/16/2001          | William Fenical       | 6627-PA1022            |

CONFIRMATION NO. 7755

## FORMALITIES LETTER



\*OC000000007319835\*

Colleen J. McKiernan  
Brown Martin Haller & McClain  
1660 Union Street  
San Diego, CA 92101

Date Mailed: 01/17/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

03/04/2002 SMINASS1 00000038 09991518

FILED UNDER 37 CFR 1.53(b)

01 FC:205

65.00 OP

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 65.**
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

**For questions regarding compliance to these requirements, please contact:**

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

---

*A copy of this notice MUST be returned with the reply.*

A handwritten signature in black ink, appearing to be "Alma O", is written over a horizontal line.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



COPIES OF PAPERS  
ORIGINALLY FILED

SECTOR

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (4-98)  
Approved for use through 09/30/2000. OMB 0651-0037  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

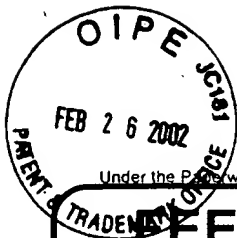
|   |                      |                        |             |
|---|----------------------|------------------------|-------------|
| <b>TRANSMITTAL<br/>FORM</b><br><br>(to be used for all correspondence after initial filing) | Applicati n Number   | 09/991,518             |             |
|   | Filing Date          | November 16, 2001      |             |
|   | First Named Inventor | FENICAL, WILLIAM ET AL |             |
|   | Group Art Unit       | 1645                   |             |
|   | Examiner Name        | UNKNOWN                |             |
| Total Number of Pages in This Submission  | 14                   | Attorney Docket Number | 6627-PA1022 |

| ENCLOSURES (check all that apply)  |   |   |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form                                 | <input checked="" type="checkbox"/> Assignment Papers<br>(for an Application)                 | <input type="checkbox"/> After Allowance Communication<br>to Group                            |
| <input checked="" type="checkbox"/> Fee Attached   | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences        |
| <input type="checkbox"/> Amendment / Response  | <input type="checkbox"/> Licensing-related Papers   | <input type="checkbox"/> Appeal Communication to Group<br>(Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition Routing Slip (PTO/SB/69)<br>and Accompanying Petition       | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                                       | <input type="checkbox"/> Petition to Convert to a<br>Provisional Application                  | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                                       | <input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence<br>Address | <input checked="" type="checkbox"/> Additional Enclosure(s)<br>(please identify below):       |
| <input type="checkbox"/> Express Abandonment Request                                     | <input type="checkbox"/> Terminal Disclaimer  | Notice to File Missing Parts;<br>Return Postcard  |
| <input type="checkbox"/> Information Disclosure Statement                                | <input type="checkbox"/> Small Entity Statement   |   |
| <input type="checkbox"/> Certified Copy of Priority<br>Document(s)                       | <input type="checkbox"/> Request for Refund   |   |
| <input checked="" type="checkbox"/> Response to Missing Parts/<br>Incomplete Application | Remarks   |   |
| <input type="checkbox"/> Response to Missing<br>Parts under 37 CFR<br>1.52 or 1.53       |   |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                      |
|--|----------------------|
| Firm<br>or<br>Individual name              | Colleen J. McKiernan |
| Signature                                  |                      |
| Date                                       | February 12, 2002    |

| CERTIFICATE OF MAILING  |                    |      |                   |
|---|--------------------|------|-------------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 02/12/02 |                    |      |                   |
| Typed or printed name   | Melissa J. Leffler |      |                   |
| Signature   |                    | Date | February 12, 2002 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Y OF PAPERS  
ORIGINALLY FILED

PTO/SB/17 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|  |  |                          |                        |
|--|--|--------------------------|------------------------|
| <b>FEE TRANSMITTAL</b><br><b>for FY 2001</b><br><i>Patent fees are subject to annual revision.</i> |  | <b>Complete if Known</b> |                        |
|  |  | Application Number       | 09/991,518             |
|  |  | Filing Date              | November 16, 2001      |
|  |  | First Named Inventor     | FENICAL, WILLIAM ET AL |
|  |  | Examiner Name            | UNKNOWN                |
|  |  | Group Art Unit           | 1645                   |
|  |  | Attorney Docket No.      | 6627-PA1022            |
| <b>TOTAL AMOUNT OF PAYMENT</b>   |  | <b>(\$)</b>              | <b>105</b>             |

| <b>METHOD OF PAYMENT</b>   |                            | <b>FEE CALCULATION (continued)</b>   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
|--|----------------------------|--|----------------------------|----------------------------|----------------------------|-----------------|----------|--------------------------|--------|-------------------------------------|---------|-----------------------------------|--------|--|---------|---------------------------------------|---------|---------------------------|---------|--|-----------|---|--------|--|----------|--|--|------------|---------------|---|--|---------|--------|--|--|---------|---------|---|--|---------|---------|--|--|-----------|---------|---|--|-----------|---------|--|--|---------|---------|------------------|--|---------|---------|--|--|---------|---------|--------------------------|--|-----------|-----------|---|--|---------|--------|----------------------------------|--|-----------|---------|------------------------------------|--|-----------|---------|--------------------------------|--|---------|---------|------------------|--|---------|---------|-----------------|--|---------|---------|-------------------------------|--|--------|--------|-------------------------------------|--|---------|---------|---|--|--------|--------|--|----|---------|---------|---|--|---------|---------|--|--|---------|---------|---|--|---------|---------|---|--|---------------------|--|--|--|---------------------|--|--|-----------------|
| <b>1.</b> <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:<br>Deposit Account Number: 02-4070<br>Deposit Account Name: Brown Martin Haller & McClain<br><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17<br><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27  |                            | <b>3. ADDITIONAL FEES</b>  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| <b>2.</b> <input checked="" type="checkbox"/> <b>Payment Enclosed:</b><br><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other   |                            |  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| <b>FEE CALCULATION</b>   |                            |  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| <b>1. BASIC FILING FEE</b>   |                            |  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| <table border="1"><thead><tr><th>Large Entity Fee Code (\$)</th><th>Small Entity Fee Code (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>101 740</td><td>201 370</td><td>Utility filing fee</td><td></td></tr><tr><td>106 330</td><td>206 165</td><td>Design filing fee</td><td></td></tr><tr><td>107 510</td><td>207 255</td><td>Plant filing fee</td><td></td></tr><tr><td>108 740</td><td>208 370</td><td>Reissue filing fee</td><td></td></tr><tr><td>114 160</td><td>214 80</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="3"><b>SUBTOTAL (1)</b></td><td><b>(\$)</b> 0</td></tr></tbody></table>   |                            | Large Entity Fee Code (\$)   | Small Entity Fee Code (\$) | Fee Description            | Fee Paid                   | 101 740         | 201 370  | Utility filing fee       |        | 106 330                             | 206 165 | Design filing fee                 |        | 107 510  | 207 255 | Plant filing fee                      |         | 108 740                   | 208 370 | Reissue filing fee                                 |           | 114 160   | 214 80 | Provisional filing fee                                     |          | <b>SUBTOTAL (1)</b>                                    |  |            | <b>(\$)</b> 0 |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| Large Entity Fee Code (\$)   | Small Entity Fee Code (\$) | Fee Description  | Fee Paid                   |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 101 740  | 201 370                    | Utility filing fee   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 106 330  | 206 165                    | Design filing fee  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 107 510  | 207 255                    | Plant filing fee   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 108 740  | 208 370                    | Reissue filing fee   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 114 160  | 214 80                     | Provisional filing fee   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| <b>SUBTOTAL (1)</b>  |                            |  | <b>(\$)</b> 0              |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| <b>2. EXTRA CLAIM FEES</b>   |                            |  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| <table border="1"><thead><tr><th>Large Entity Fee Code (\$)</th><th>Small Entity Fee Code (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>103 18</td><td>203 9</td><td>Claims in excess of 20**</td><td></td></tr><tr><td>102 84</td><td>202 42</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>104 280</td><td>204 140</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>109 84</td><td>209 42</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>110 18</td><td>210 9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="3"><b>SUBTOTAL (2)</b></td><td><b>(\$)</b> 0</td></tr></tbody></table> |                            | Large Entity Fee Code (\$)   | Small Entity Fee Code (\$) | Fee Description            | Fee Paid                   | 103 18          | 203 9    | Claims in excess of 20** |        | 102 84                              | 202 42  | Independent claims in excess of 3 |        | 104 280  | 204 140 | Multiple dependent claim, if not paid |         | 109 84                    | 209 42  | ** Reissue independent claims over original patent |           | 110 18  | 210 9  | ** Reissue claims in excess of 20 and over original patent |          | <b>SUBTOTAL (2)</b>                                    |  |            | <b>(\$)</b> 0 |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| Large Entity Fee Code (\$)   | Small Entity Fee Code (\$) | Fee Description  | Fee Paid                   |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 103 18   | 203 9                      | Claims in excess of 20**   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 102 84   | 202 42                     | Independent claims in excess of 3  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 104 280  | 204 140                    | Multiple dependent claim, if not paid  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 109 84   | 209 42                     | ** Reissue independent claims over original patent   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 110 18   | 210 9                      | ** Reissue claims in excess of 20 and over original patent   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| <b>SUBTOTAL (2)</b>  |                            |  | <b>(\$)</b> 0              |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| *or number previously paid, if greater; For Reissues, see above  |                            |  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
|  |                            | <b>3. ADDITIONAL FEES</b>  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
|  |                            | <table border="1"><thead><tr><th>Large Entity Fee Code (\$)</th><th>Small Entity Fee Code (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105 130</td><td>205 65</td><td>Surcharge - late filing fee or oath</td><td>65</td></tr><tr><td>127 50</td><td>227 25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>139 130</td><td>139 130</td><td>Non-English specification</td><td></td></tr><tr><td>147 2,520</td><td>147 2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr><tr><td>112 920*</td><td>112 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113 1,840*</td><td>113 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115 110</td><td>215 55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>116 400</td><td>216 200</td><td>Extension for reply within second month</td><td></td></tr><tr><td>117 920</td><td>217 460</td><td>Extension for reply within third month</td><td></td></tr><tr><td>118 1,440</td><td>218 720</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128 1,960</td><td>228 980</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119 320</td><td>219 160</td><td>Notice of Appeal</td><td></td></tr><tr><td>120 320</td><td>220 160</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121 280</td><td>221 140</td><td>Request for oral hearing</td><td></td></tr><tr><td>138 1,510</td><td>138 1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140 110</td><td>240 55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>141 1,280</td><td>241 640</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142 1,280</td><td>242 640</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143 460</td><td>243 230</td><td>Design issue fee</td><td></td></tr><tr><td>144 620</td><td>244 310</td><td>Plant issue fee</td><td></td></tr><tr><td>122 130</td><td>122 130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123 50</td><td>123 50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr><tr><td>126 180</td><td>126 180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>581 40</td><td>581 40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40</td></tr><tr><td>146 740</td><td>246 370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>149 740</td><td>249 370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td>179 740</td><td>279 370</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>169 900</td><td>169 900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="3">Other fee (specify)</td><td></td></tr><tr><td colspan="3"><b>SUBTOTAL (3)</b></td><td><b>(\$)</b> 105</td></tr></tbody></table> |                            | Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid | 105 130                  | 205 65 | Surcharge - late filing fee or oath | 65      | 127 50                            | 227 25 | Surcharge - late provisional filing fee or cover sheet |         | 139 130                               | 139 130 | Non-English specification |         | 147 2,520  | 147 2,520 | For filing a request for ex parte reexamination |        | 112 920*   | 112 920* | Requesting publication of SIR prior to Examiner action |  | 113 1,840* | 113 1,840*    | Requesting publication of SIR after Examiner action |  | 115 110 | 215 55 | Extension for reply within first month |  | 116 400 | 216 200 | Extension for reply within second month |  | 117 920 | 217 460 | Extension for reply within third month |  | 118 1,440 | 218 720 | Extension for reply within fourth month |  | 128 1,960 | 228 980 | Extension for reply within fifth month |  | 119 320 | 219 160 | Notice of Appeal |  | 120 320 | 220 160 | Filing a brief in support of an appeal |  | 121 280 | 221 140 | Request for oral hearing |  | 138 1,510 | 138 1,510 | Petition to institute a public use proceeding |  | 140 110 | 240 55 | Petition to revive - unavoidable |  | 141 1,280 | 241 640 | Petition to revive - unintentional |  | 142 1,280 | 242 640 | Utility issue fee (or reissue) |  | 143 460 | 243 230 | Design issue fee |  | 144 620 | 244 310 | Plant issue fee |  | 122 130 | 122 130 | Petitions to the Commissioner |  | 123 50 | 123 50 | Processing fee under 37 CFR 1.17(q) |  | 126 180 | 126 180 | Submission of Information Disclosure Stmt |  | 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) | 40 | 146 740 | 246 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 149 740 | 249 370 | For each additional invention to be examined (37 CFR § 1.129(b)) |  | 179 740 | 279 370 | Request for Continued Examination (RCE) |  | 169 900 | 169 900 | Request for expedited examination of a design application |  | Other fee (specify) |  |  |  | <b>SUBTOTAL (3)</b> |  |  | <b>(\$)</b> 105 |
| Large Entity Fee Code (\$)   | Small Entity Fee Code (\$) | Fee Description  | Fee Paid                   |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 105 130  | 205 65                     | Surcharge - late filing fee or oath  | 65                         |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 127 50   | 227 25                     | Surcharge - late provisional filing fee or cover sheet   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 139 130  | 139 130                    | Non-English specification  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 147 2,520  | 147 2,520                  | For filing a request for ex parte reexamination  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 112 920*   | 112 920*                   | Requesting publication of SIR prior to Examiner action   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 113 1,840*   | 113 1,840*                 | Requesting publication of SIR after Examiner action  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 115 110  | 215 55                     | Extension for reply within first month   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 116 400  | 216 200                    | Extension for reply within second month  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 117 920  | 217 460                    | Extension for reply within third month   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 118 1,440  | 218 720                    | Extension for reply within fourth month  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 128 1,960  | 228 980                    | Extension for reply within fifth month   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 119 320  | 219 160                    | Notice of Appeal   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 120 320  | 220 160                    | Filing a brief in support of an appeal   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 121 280  | 221 140                    | Request for oral hearing   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 138 1,510  | 138 1,510                  | Petition to institute a public use proceeding  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 140 110  | 240 55                     | Petition to revive - unavoidable   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 141 1,280  | 241 640                    | Petition to revive - unintentional   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 142 1,280  | 242 640                    | Utility issue fee (or reissue)   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 143 460  | 243 230                    | Design issue fee   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 144 620  | 244 310                    | Plant issue fee  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 122 130  | 122 130                    | Petitions to the Commissioner  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 123 50   | 123 50                     | Processing fee under 37 CFR 1.17(q)  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 126 180  | 126 180                    | Submission of Information Disclosure Stmt  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 581 40   | 581 40                     | Recording each patent assignment per property (times number of properties)   | 40                         |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 146 740  | 246 370                    | Filing a submission after final rejection (37 CFR § 1.129(a))  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 149 740  | 249 370                    | For each additional invention to be examined (37 CFR § 1.129(b))   |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 179 740  | 279 370                    | Request for Continued Examination (RCE)  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| 169 900  | 169 900                    | Request for expedited examination of a design application  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| Other fee (specify)  |                            |  |                            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |
| <b>SUBTOTAL (3)</b>  |                            |  | <b>(\$)</b> 105            |                            |                            |                 |          |                          |        |                                     |         |                                   |        |  |         |                                       |         |                           |         |  |           |   |        |  |          |  |  |            |               |   |  |         |        |  |  |         |         |   |  |         |         |  |  |           |         |   |  |           |         |  |  |         |         |                  |  |         |         |  |  |         |         |                          |  |           |           |   |  |         |        |                                  |  |           |         |                                    |  |           |         |                                |  |         |         |                  |  |         |         |                 |  |         |         |                               |  |        |        |                                     |  |         |         |   |  |        |        |  |    |         |         |   |  |         |         |  |  |         |         |   |  |         |         |   |  |                     |  |  |  |                     |  |  |                 |

|                     |                      |                                   |                   |
|---------------------|----------------------|-----------------------------------|-------------------|
| <b>SUBMITTED BY</b> |                      | <b>Complete (if applicable)</b>   |                   |
| Name (Print Type)   | Colleen J. McKiernan | Registration No. (Attorney/Agent) | 48,570            |
| Signature           |                      | Telephone                         | 619-238-0999      |
|                     |                      | Date                              | February 12, 2002 |

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



COPY OF PAPERS  
ORIGINALLY FILED

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                          |   |                                |
|--------------------------|---|--------------------------------|
| In Re Application of     | ) |                                |
| William FENICAL et al.   | ) | FOR: MARINE ACTINOMYCETE TAXON |
| Serial No.: 09/991,518   | ) | FOR DRUG AND FERMENTATION      |
|                          | ) | PRODUCT DISCOVERY              |
| Filed: November 16, 2001 | ) | Group                          |
|                          | ) | Art Unit: 1645                 |

LETTER IN RESPONSE TO NOTICE TO FILE  
MISSING PARTS OF APPLICATION

Commissioner for Patents  
Washington, D.C. 20231  
Box Missing Part

Dear Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted,  
which was mailed by the Office on January 17, 2002, enclosed are the following:

I hereby certify that this correspondence is being deposited with the  
United States Postal Service as first class mail in an envelope addressed  
to: Commissioner for Patents, Washington, D.C. 20231 on:

February 12, 2002  
(Mailing Date)

Melissa J. Leffler  
(Registered Representative)

(Signature)

February 12, 2002  
(Date of Signature)

1. A check in the amount of \$65.00 for the surcharge fee;
2. Office's copy of Formalities Letter;
3. Executed Oath and Declaration;
4. Return postcard.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4070 referencing 6627-PA1022.

Respectfully submitted,

Dated: February 12, 2002

By: 

Colleen J. McKiernan  
Agent for Applicant  
Registration No. 48,570

BROWN MARTIN HALLER & McCLAIN LLP  
1660 Union Street  
San Diego, California 92101

Telephone: (619) 238-0999  
Facsimile: (619) 238-0062

Docket No.: 6627-PA1022